

19991212.qrp v01_n667.qrl.991212

Date: Sun, 12 Dec 1999 19:03:10 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1667

QRP-L Digest 1667

Topics covered in this issue include:

- 1) [57805] Radio Shack #278-1509 "feedline" data -- thanks!
by Wayne Burdick <n6kr@elecraft.com>
- 2) [57806] WTB: 49er
by "Alan Fryer" <n3bj@hotmail.com>
- 3) [57807] WTB: MV1404, MRF-237
by "Alan Fryer" <n3bj@hotmail.com>
- 4) [57808] 10 meter contest fun, Snowshoe Run Contest tonight
by tom whalen <wb5qyt@eFortress.com>
- 5) [57809] Re: Antenna Tree Supports
by Pete Burbank <plburbank@kih.net>
- 6) [57810] QRPowWow!!!
by Bob Kellogg <ae4ic@nr.infi.net>
- 7) [57811] Please Help With Postpone
by Roger J Wendell <zeekzilch@juno.com>
- 8) [57812] Re: RS #278-1509 "feedline" AND Coleman reels
by "John A. Evans - N0HJ" <jaevalns@codenet.net>
- 9) [57813] CONTEST: 10m
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- 11) [57815] Re: WTB: MV1404, MRF-237
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- 12) [57816] K0FRP Snow Shoe (SS)
by "al dawkins" <alk0frp@earthlink.net>
- 13) [57817] Re: RS #278-1509 "feedline" AND Coleman reels
by "Bob Tellefsen" <n6wg@earthlink.net>
- 14) [57818] Re: Antenna Reel
by DYARNES@aol.com
- 15) [57819] 10 Meter Contest
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 16) [57820] Schematic Needed
by Richard Arland <k7sz@epix.net>
- 17) [57821] Gell Cell Charger
by Richard Arland <k7sz@epix.net>
- 18) [57822] Re: Antenna Tree Supports
by af852@rgfn.epcc.edu (William R Colbert)
- 19) [57823] Coast Guard CW Operators Association

- by Roger J Wendell <zeekzilch@juno.com>
- 20) [57824] micro vs. milli denotation?
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 21) [57825] Re: micro vs. milli denotation?
by "Vincent Ferme" <vferme@sprint.ca>
- 22) [57826] Re: micro vs. milli denotation?
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 23) [57827] re Micro-amps
by Charles Kadesch <chas@digizen.net>
- 24) [57828] Re: micro vs. milli denotation?
by "John J. McDonough" <wb8rcr@arrl.net>
- 25) [57829] Re: micro vs. milli denotation?
by Chris Trask <ctrask@primenet.com>
- 26) [57830] External Keyer w/DSW or NC20
by "Steve/n0tu" <n0tu@webaccess.net>
- 27) [57831] Re: micro vs. milli denotation?
by "Vincent Ferme" <vferme@sprint.ca>
- 28) [57832] Re: micro vs. milli denotation?
by Chris Trask <ctrask@primenet.com>
- 29) [57833] Re: Antenna Tree Supports
by "George T. Baker" <w5yr@worldnet.att.net>
- 30) [57834] Test
by Normk9nk@aol.com
- 31) [57835] Wanted: QRP Rig
by Roger J Wendell <zeekzilch@juno.com>
- 32) [57836] FS - SST-20
by Normk9nk@aol.com
- 33) [57837] Re: micro vs. milli denotation?
by Jim Lyons <lyons@canada.com>
- 34) [57838] Re: Parallel feedlines and static discharge
by "Walter Dufrain" <walter@inlink.com>
- 35) [57839] FS: Emtech NW40/enclosure/filter
by "Alan Fryer" <n3bj@hotmail.com>
- 36) [57840] FS ARK-40 transceiver
by James Skalski <jskalski@localnet.com>
- 37) [57841] Re: WTB: MV1404, MRF-237
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 38) [57842] FINALLY!!! An OPERATIONAL QRP BA Rig
by "Ed Tanton" <n4xy@att.net>
- 39) [57843] FYBO 2000
by Roger Hightower <n7kt@earthlink.net>
- 40) [57844] Bencher "Mercury" Paddle
by "The One and Only!" <mitch96@pobox.com>
- 41) [57845] QRPp DX on 10 mtrs
by K5KW@aol.com
- 42) [57846] Short repot on 10M Contest
by Lou Martin <lmartin@uswest.net>
- 43) [57847] QRP ARCI Contest Manager

by "Ron Polityka" <wb3aal@talon.net>
 44) [57848] Re: QRP ARCI Contest Manager
 by Roger Hightower <n7kt@earthlink.net>
 45) [57849] QUESTIONS
 by CLAUDE PALUSKI <claudewb9euu@juno.com>
 46) [57850] FOX: N5IW (x AB5WX) is Fox on Monday 12/13 at 7pm CST
 by Cw4n5iw@aol.com
 47) [57851] Attenuating HF rig
 by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
 48) [57852] FS - MFJ-9020
 by Normk9nk@aol.com

 Date: Sat, 11 Dec 1999 16:22:52 -0800
 From: Wayne Burdick <n6kr@elecraft.com>
 To: w4ed@gis.net
 Cc: qrp-l@lehigh.edu, elecraft@qth.net
 Subject: [57805] Radio Shack #278-1509 "feedline" data -- thanks!
 Message-ID: <v0310282db47899f9eee7@[206.169.250.32]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Hi Bob,

Thanks a lot for doing these detailed measurements. Having used the RS 278-1509 for a week or so now, I can safely say that it "works," i.e. its loss seems reasonable in actual use on several different bands. Since I'm only using 40 feet or so, the loss isn't a serious problem. However, I would characterize this stuff as best for emergency or portable use, and I may replace it at my home QTH with 300-ohm twinlead.

I've included your table, below, in case anyone missed it.

73,
 Wayne
 N6KR

>TYPE line	1/2 wv		1/4 wv	Line Z	Loss	100 ft
>	@ 28 MHz	VF %	Ohms	Ohms	168 Mhz	168 Mhz
>					dB	dB
>-----						(calc)
>TV Twin Lead	170.9"	81.1	1710	292	*0.2	*1.5
>Channel Mstr. 9354	14.2'					
>						
>RG59/U	145.0"	68.8	117	76	0.5	4.1
>	12.1'					

```

>
>RS 278-1509 (05A9) | 151.5"   71.9   630   177   2.5   19.8
>"Solid"           | 12.6'
>
>RS 278-1509 (10A99) | 149.0"   70.7   546   165   2.0   16.1
>"Solid"           | 12.4'
>
>RS 278-1385(02A9)  | 148.5"   70.5   481   155   1.5   12.1
>"Stranded"        | 12.4'
>
>note: *, estimated from ARRL graph
>   : Line Z = SQRT(50 * load_resistance), for a 1:1 SWR on loaded Q-section
>   : MFJ 259B 50 ohms output,   Tek 492 50 ohm input.

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-----
Date: Sat, 11 Dec 1999 17:56:05 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [57806] WTB: 49er
Message-ID: <19991212015605.43433.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

```

Wanted: 49er, built, unbuilt, missing parts, non-working OK. Please let me know what you have that is surplus to your needs.

Alan, N3BJ
Bent Mountain, VA

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Get Your Private, Free Email at http://www.hotmail.com

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-----
Date: Sat, 11 Dec 1999 17:58:32 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [57807] WTB: MV1404, MRF-237
Message-ID: <19991212015832.5221.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

```

Anyone have any of these ?? Sure could use a handful of each. Any leads on sources would be appreciated. Think RF parts has the MV1404, but for \$6.95 EA, a little steep....

Appreciate the help.

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 11 Dec 1999 05:15:17 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [57808] 10 meter contest fun, Snowshoe Run Contest tonight
Message-ID: <38524055.629E@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Loaded up the truck today with my 10 meter HT(AEA DX HANDY) and homebrew 10 meter 2 element pvc beam.

With just the 3 foot loaded whip that comes with the HT I was able to work a station in Japan. Boy, was I excited! Then, I hooked the beam up to the HT and worked another Japan station.

Goes to show you when 10 is open you can work the world.

Don't forget and get on tonight for the "Snowshoe Run".

Mountain time will be 8p to 10p. I sure like the shorter sprints and so does the Xyl HI HI!

Will be using the ol' TT Argo 505, and a 22' Ground Plane.

See ya later...72, Tom WB5QYT..."Have spud will travel!"

Date: Sat, 11 Dec 1999 21:37:35 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [57809] Re: Antenna Tree Supports

Message-ID: <3.0.32.19991211213731.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:16 PM 12/11/99 -0500, you wrote:

>Hi all,

>

>I need some advise from some of you guys who are using
>a tree for an antenna support. The wind is pretty high here,

>w1cg@arrl.net

One method is to use a pulley (or 2 pulleys) on the support line(s) with weights hanging down. A good source of weights is a wrecking company that has yanked out a lot of old time window counterweights.

For vertical supports the typical R-S stuff is a bit soft and you may want to check out some surplus outlets for the socketed aluminum sections. Some of the sections seem to be tent poles and others intended for antenna use. My experience with free standing verticals (50+ feet) is that these sections are quite strong.

73 Pete NV4V

Date: Sat, 11 Dec 1999 20:46:24 -0800
From: Bob Kellogg <ae4ic@nr.infi.net>
To: klqrp <klqrp@vramp.net>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [57810] QRPowWow!!!
Message-ID: <385328A0.25195033@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

This coming Thursday evening, there will be an operating event to close out this century and millenium! Get on the air at about 0200 UTC and help us celebrate for the last time this year! (note: 9 PM Thursday eastern time) Let's see how many contacts we can rack up with WQ4RP!

The Knightlites will be holding their monthly QRPowWow at the Golden Corral near Durham, NC. Afterwards WQ4RP will be on the air to make as many contacts as possible. Look for us on 40M for sure and possibly 80M and 20M at the usual QRP frequencies. We will operate for at least an hour or longer if the calls keep coming in.

As you read this, Sir Scribe, John Paul, AB4PP, is designing a special QSL card to commemorate the event! Each Station who contacts WQ4RP on Thursday evening will receive a card.

This will be the last time any of the Knightlites are together this century, and we're planning much more than the usual show and tell. Sir Gary, N3G0, is putting together an extravaganza. There will be visiting dignitaries (and I'll be there, although sometimes I'm not too dignified) We'll have some great equipment to see and try. There will be food, friendship and fun.

If you can't make it in person, make it in spirit, and join us on the air!

See you Thursday!
Bob Kellogg, AE4IC Greensboro, NC
Probably, not nececelery. - Benny Hill

Date: Sat, 11 Dec 1999 20:12:47 -0800
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [57811] Please Help With Postpone
Message-ID: <19991211.201249.-577163.3.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have succesfully returned from "Postpone" but the robot is only acknowledging my Email address - not the name and callsign I was using just a few months ago. Is this the way it is or am I using the wrong commands? Tnx!

Roger J. Wendell
WB0JNR
QRP-L # 1027
<http://www.rwendell.com>

-

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Date: Sat, 11 Dec 1999 20:15:13 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [57812] Re: RS #278-1509 "feedline" AND Coleman reels
Message-ID: <38531340.C12ABF2D@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

As a test, I took my trusty 104 foot doublet (G5RV lengths), took one leg of it, which is composed of 22AWG split speaker wire (RS# 278-1385), to see if I could reel it on one of the Coleman/Clone reels recently mentioned from Target or WalMart. I could get all but about 2 feet of one 52 foot legs in the reel. It was tight to get that in. Perhaps the 24AWG solid would have a better chance, but a lot depends upon the outer diameter of the insulation.

My goal was to see if I could get a full portable antenna in three of these reels, one holding the feedline. This may not be possible unless there is a slightly larger reel available.

I picked up a plastic cutting board from CampMor that I can use as writing surface and have also used to wrap the antenna wire and feedline around. I have been using nylon woven cable lacing string to go from my antenna ends thru the trees down to a tie-off point. I can wrap the 300 ohm feedline (about 45 feet) and both legs around the cutting board and slip that in a cloth bag and stick it in my pack. Getting it all on three reels would have made it a bit easier to pack.

So, is solid conductor better for the elements than stranded? Has anyone tried a heavy gauge of enameled solid magnet wire for elements? I could get lots of length in the reels then.

tnx es 72 - FYI - john - n0hj

Date: Sat, 11 Dec 1999 19:44:49 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [57813] CONTEST: 10m
Message-ID: <Pine.GSO.4.10.9912111941010.28604-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Paul has hit the nail right on the head with his prediction.

10m was working good today, from AM to PM. Maybe not GREAT but
it sure was a VERY GOOD at least!

Working EU from the west is always hard with QRP but there were
many EU stations on with good RX ability!

And while I didn't get 100 countries today, there is always
tomorrow! And maybe AF will show up. (And I plan to be up on time
too.....slept late this am!)

Hope to hear everyone Sunday. Have worked many QRPers and would
like to work many more.

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Sun, 12 Dec 1999 04:01:20 -0500
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [57814] Schematic Needed
Message-ID: <38536460.5B536C02@epix.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I recently bought a used HW-7 that had been modified. The original owner installed an active AF filter on the back panel. The board is about 2 X 3 inches and has "Small Parts Center" on the foil side, along with "1988" and "Filter" etched into the foil side also.

Does anyone remember this filter? Does anyone have a schematic?

The filter is rather broad (abt 600 Hz) and peaks about 750 Hz. It uses two TL072 JFET op amps, and eight 33K resistors and three 10000 pf Poly caps along with three 2500 pf Poly caps to form the active filter network.

If anyone has a schematic that they could FAX to me (570) 825-0983) I would really appreciate it.

73 es Tnx.

Rich K7SZ

Date: Sat, 11 Dec 1999 20:34:30 -0800
From: Allan <agtaylor@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [57815] Re: WTB: MV1404, MRF-237
Message-ID: <385325D5.EA1979FB@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got three MRF237s from RF Parts and paid about \$6.50 each plus shipping/tax.
Just getting them is a trick. One is in my SST/20, another will go into the NC40A when I get a better heatsink, and the third is a SPARE as I don't think they are very available anymore. Basically out of production/out of stock everywhere.

K7GT again

Date: Sat, 11 Dec 1999 23:10:21 -0700
From: "al dawkins" <alk0frp@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [57816] K0FRP Snow Shoe (SS)
Message-ID: <002c01bf4467\$930ebc80\$3102090a@adawkins.hsacorp.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

56 Q's 17 states in the Beam catogory , I worked no other B catogory so
don't worry. My beam has a broken reflector so its a dipole in reality.

40 q's the first hour and then things slowed down.

worked three times

AB0CD
N1FN
K7GT
VE3ELA
KA3WMJ

2 times
K8CV
W4EEX
WB0JNR
Ka9BVN
KI7MN
WE6W

Fun 2 hours

A1 K0FRP

Date: Sat, 11 Dec 1999 22:15:22 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [57817] Re: RS #278-1509 "feedline" AND Coleman reels
Message-ID: <01bf4468\$45db9810\$a4d1fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi John

My gut feel is that using solid conductor wire for your portable antenna, then winding it up on a board as you describe will lead to wire breakage. The solid copper wire will eventually get brittle at the bending point and break.

This assumes two things, of course. One, that you always bend the wire at the same points when coiling it up on the board. Two, that you do it frequently.

If neither of this is too likely, then it probably won't matter, Although I would think stranded would be more flexible.

I've used #24 solid enamel wire for a low horizontal loop around the house roof. Lasted for two years until I took it down.

73, and good luck,

Bob N6WG

Date: Sun, 12 Dec 1999 02:30:23 EST

From: DYARNES@aol.com

To: jaevans@codenet.net, qrp-1@lehigh.edu

Subject: [57818] Re: Antenna Reel

Message-ID: <0.21945913.2584a90f@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

In a message dated 12/11/99 9:42:05 PM !!!First Boot!!!, jaevans@codenet.net writes:

<< Walmart has a near identical reel for less than half the price of Target's Coleman version at \$1.48 locally. >>

I have used this very same item in the past with pretty fair results. It gives you an antenna packing system that is very compact. But I'll tell you what I think works better. The plumb line spool that the Az. ScQRPions were using with their little \$10 portable antenna system. Same idea, but I think that particular plumb line spool worked the best of several I had tried previously plus the Coleman clothesline spool. The main advantage to the plumb line spool was it wound up easier because the handle was better. Check around at the hardware store.

Dave W7AQK

Date: Sun, 12 Dec 1999 01:20:00 -0900
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [57819] 10 Meter Contest
Message-ID: <v03007800b479234a4d4c@[208.161.164.97]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

If tomorrow is anything like today on 10M jump in and have some fun...

I decided to just try a few at 900mW to see how propagation was from Alaska... After one contact at 900mW I felt like I was cheating so I dropped the power down to 90mW and waded in... 4 hours of operation netted me 105 QSO's in 32 States and 12 countries... Nabbed Mongolia and Taiwan for the first time at any power level... Funny thing stateside is, I worked all states east of the Mississippi except for DE, IN, & KY... I hope tomorrow I will be able to fill in some of the blanks out west... Even if this is all I get, it sure was a good start towards QRPpp WAS... This milliwatting should carry a warning label, it sure is addictive !!!

Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopkins/akqrp>
or: <http://www.qsl.net/kl7aqc>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Sun, 12 Dec 1999 14:36:11 -0500
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [57820] Schematic Needed
Message-ID: <3853F92B.98E302F7@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got a copy of the filter schematic coming from NF0R.

Thanks to all who responded.

73 Rich K7SZ

Date: Sun, 12 Dec 1999 14:37:35 -0500
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [57821] Gell Cell Charger
Message-ID: <3853F97F.D86BED89@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded. Located what I need.

73 Rich K7SZ

Date: Sun, 12 Dec 1999 07:45:29 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: cgreene@loa.com, qrp-l@lehigh.edu
Subject: [57822] Re: Antenna Tree Supports
Message-ID: <199912121445.HAA16663@rgfn.epcc.edu>

One of the things I used to do many years ago when using some south Georgia pine trees - (had a single wire feed Windom at 80 feet)- to keep the swaying of the trees (usually in opposite directions at the same time) from breaking the antenna, I used the screen door springs at each end, if more tension was required, then I would use a double set of springs - all available at a hardware store for a couple of dollars. Never had a wind broken antenna after that. The spring(s) attach to the insulator then to the rope or support wire to the pully.

73
Ray

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sun, 12 Dec 1999 08:11:52 -0800
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [57823] Coast Guard CW Operators Association
Message-ID: <19991212.081155.-314659.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The Coast Guard CW Operators Association
"ZUT" (CW Forever!) can now be found at:

<http://www.comm-one.org/>

Roger J. Wendell
WB0JNR ZUT # 1363
<http://www.rwendell.com>

-

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Date: Sun, 12 Dec 1999 07:39:33 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [57824] micro vs. milli denotation?
Message-ID: <3853C1B5.441AAEAA@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted to the list about my gel-cell project. When I did I listed some recommended specs. I used "mA" to mean milli-amphere as that is what I thought is convention. The battery charger monitor circuit draws 80 micro-amps - by convention is mA = milli-amps, and MA = micro-amps? I ask this because you cannot make the micro symbol in a regular non-html email.

What is the convention for micro-amps? Is it "mmA" = milli-milli-amps = micro-amps

--

Scott Gregson - KC7MAS
emtech@steadynet.com
http://emtech.steadynet.com
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Sun, 12 Dec 1999 10:46:50 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [57825] Re: micro vs. milli denotation?
Message-ID: <005401bf44b8\$1bb85640\$37786395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many years ago, I was looking an old book at a used bookstore, and they used "mm" for micro. It's like saying 1000 million instead of 1 billion as it is said in a few place.

73 de Vince, VE3VFN.

----- Original Message -----

What is the convention for micro-amps? Is it "mmA" = milli-milli-amps = micro-amps

Date: Sun, 12 Dec 1999 07:59:54 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: Michael Neverdosky <mneverdosky@earthlink.net>, qrp-1 <qrp-1@lehigh.edu>
Subject: [57826] Re: micro vs. milli denotation?
Message-ID: <3853C67A.76C86C09@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Uhhh, er duhhh, er...

Ya know, I knew that, I need to wake up when I wake up. That's what I

get for letting my mind wander during my morning bathe without engaging my brain. Somehow I got the fact that you can't make the micro symbol stuck between the truth and my memory blocks.

I'm only 37 and I already am having trouble, I hope this doesn't progress at a logarithmic rate - at 45 I'll be totally inept, not just partially.

What a boner that was!!

I know uA means - Scott u A dummy.

Michael Neverdosky wrote:

```
>
> The normal in print is uA, some people also use the mA.
> You can always spell it out and end the confusion. In any article
> or post and on any plan it is a good idea to specifically state
> definitions
> for every abbreviation used.
> This way a person can check and be sure that they are using the right
> units.
>
> michael N6CHV
>
> Scott Gregson - KC7MAS wrote:
> >
> > I posted to the list about my gel-cell project. When I did I listed
> > some recommended specs. I used "mA" to mean milli-ampere as that is
> > what I thought is convention. The battery charger monitor circuit draws
> > 80 micro-amps - by convention is mA = milli-amps, and MA = micro-amps?
> > I ask this because you cannot make the micro symbol in a regular
> > non-html email.
> >
> > What is the convention for micro-amps? Is it "mA" = milli-milli-amps =
> > micro-amps
> > --
> > Scott Gregson - KC7MAS
> > emtech@steadynet.com
> > http://emtech.steadynet.com
> > ++++++
> > Scott Gregson Co. / Emtech / CFC
> > 1127 Poindexter Ave W
> > Bremerton, WA 98312
```

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>

+++++

Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Sun, 12 Dec 1999 11:46:53 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@lehigh.edu
Subject: [57827] re Micro-amps
Message-ID: <3853FBAD.6866@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well if our computer keyboards handled the Greek alphabet, the small case Greek letter "mu" would be the one to use. Thats the little u with the trailer hanging down. Lacking that, a "u" will suffice - so "uA" would do it for Micro-amp.
-72 de Chas W3KC-

Date: Sun, 12 Dec 1999 11:08:06 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <emtech@steadynet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [57828] Re: micro vs. milli denotation?
Message-ID: <03f301bf44bb\$168d5f00\$010044c0@cb29328-e.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I think a lot of folks use u, but you could always use (hold down the Alt key and press 0181 assuming you're using a PC).

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, December 12, 1999 10:38 AM
Subject: micro vs. milli denotation?

>I posted to the list about my gel-cell project. When I did I listed
>some recommended specs. I used "mA" to mean milli-amphere as that is
>what I thought is convention. The battery charger monitor circuit draws
>80 micro-amps - by convention is mA = milli-amps, and MA = micro-amps?
>I ask this because you cannot make the micro symbol in a regular
>non-html email.

>

>What is the convention for micro-amps? Is it "mmA" = milli-milli-amps =
>micro-amps

>--

>Scott Gregson - KC7MAS

>emtech@steadynet.com

>http://emtech.steadynet.com

>+++++

>Scott Gregson Co. / Emtech / CFC

>1127 Poindexter Ave W

>Bremerton, WA 98312

Date: Sun, 12 Dec 1999 09:10:21 -0700 (MST)

From: Chris Trask <ctrask@primenet.com>

To: Scott Gregson - KC7MAS <emtech@steadynet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [57829] Re: micro vs. milli denotation?

Message-ID: <Pine.BSI.3.96.991212090922.9248A-100000@usr09.primenet.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Microamperes is annotated by uA.

On Sun, 12 Dec 1999, Scott Gregson - KC7MAS wrote:

> I posted to the list about my gel-cell project. When I did I listed
> some recommended specs. I used "mA" to mean milli-amphere as that is
> what I thought is convention. The battery charger monitor circuit draws
> 80 micro-amps - by convention is mA = milli-amps, and MA = micro-amps?
> I ask this because you cannot make the micro symbol in a regular
> non-html email.

>

> What is the convention for micro-amps? Is it "mmA" = milli-milli-amps =
> micro-amps

> --

> Scott Gregson - KC7MAS

> emtech@steadynet.com

> http://emtech.steadynet.com
> ++++++
> Scott Gregson Co. / Emtech / CFC
> 1127 Poindexter Ave W
> Bremerton, WA 98312
>

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    / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 12 Dec 1999 09:25:45 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [57830] External Keyer w/DSW or NC20
Message-ID: <004901bf44bd\$8b3e8020\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to use an outboard multi-memory keyer w/my DSW or NC20 both which have internal PIC keyers. Should I bypass the internal keyer so at power up I don't have to first command the PIC into straight key mode? But, I'll have to switch the paddle between the 2 keyers to be able to change some of the other PIC commands anyway. (Hmmm, this is getting way to complex for field duty!) I just need more memory for hands free mobile operation. CQ, name, QTH and rig could be stored for recall. Any ideas or suggestions?

TIA Steve/n0tu

Date: Sun, 12 Dec 1999 11:29:57 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [57831] Re: micro vs. milli denotation?
Message-ID: <007301bf44be\$224fe6c0\$37786395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh boy, that 's what happen when you check for messages before being fully awake. Sorry Scott and the group, I did not answer the question. The "mmA" triggered old memories.

I'm going to set up a delete filter on myself. :))

73 de Vince, VE3VFN.

Date: Sun, 12 Dec 1999 09:38:49 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Vincent Ferme <vferme@sprint.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [57832] Re: micro vs. milli denotation?
Message-ID: <Pine.BSI.3.96.991212093528.9722B-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not to worry. The "mmA" reminded me of when I first got into electronics, short-wave listening, and then amateur radio. Small capacitors were designated as micro-micro farads (uuF) prior to the present picofarads (pF), and I still have some of those parts around here someplace.

And Hertz was known as cycles per second.

Yeah, I'm that old. Anybody got a problem with that? :{)

Chris

On Sun, 12 Dec 1999, Vincent Ferme wrote:

```

      ,-----.
     /         \
    /   What's all this   \
   / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Sun, 12 Dec 1999 10:41:37 -0600
From: "George T. Baker" <w5yr@worldnet.att.net>
To: af852@rgfn.epcc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [57833] Re: Antenna Tree Supports
Message-ID: <3853D041.5831CF7B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I do a functionally similar thing with rubber bungee cords like those

used to secure things on a luggage rack. I use two cords in parallel (belt plus suspenders!) 3 feet long at each end of the antenna. Been up going on three years and not a trace of problem. The cords rub a branch at one end but last check showed no evidence of wearing through, etc. The antenna is a 168 ft EDZ of 40 meters so there is a fair amount of weight being handled.

I don't know if their being non-metallic is of any importance, but they are convenient to work with.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972

William R Colbert wrote:

>

> One of the things I used to do many years ago when using some
> south Georgia pine trees - (had a single wire feed Window at
> 80 feet)- to keep the swaying of the trees (usually in opposite
> directions at the same time) from breaking the antenna, I used
> the screen door springs at each end, if more tension was required,
> then I would use a double set of springs - all available at a
> hardware store for a couple of dollars. Never had a wind broken
> antenna after that. The spring(s) attach to the insulator then
> to the rope or support wire to the pully.

> 73

> Ray

Date: Sun, 12 Dec 1999 11:44:30 EST

From: Normk9nk@aol.com

To: qrp-l@lehigh.edu

Subject: [57834] Test

Message-ID: <0.623faf9e.25852aee@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Test - K9NK

Date: Sun, 12 Dec 1999 09:52:50 -0800

From: Roger J Wendell <zeekzilch@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [57835] Wanted: QRP Rig
Message-ID: <19991212.095252.-431031.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Are "wants" stil allowed on QRP-L (I'm just back from a long postpone)?

If so, I'm looking for a small 2 or 3 band HF CW QRP rig that has low power consumption on receive...

WBOJNR
Roger J. Wendell
<http://www.rwendell.com>

-

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Date: Sun, 12 Dec 1999 11:54:36 EST
From: Normk9nk@aol.com
To: qrp-l@lehigh.edu
Subject: [57836] FS - SST-20
Message-ID: <0.25b7f571.25852d4c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

FS -- SST- 20 in mint condx. Runs a bit over 2 watts. Has second xtal in parallel and covers about 45 khz of band. Easily remove the xtal and covers 14.048-14.062.

Cost is \$75 plus shipping.

Please respond to email: normk9nk@aol.com

Date: Sun, 12 Dec 1999 11:58:59 -0500
From: Jim Lyons <lyons@canada.com>
To: emtech@steadynet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [57837] Re: micro vs. milli denotation?

Message-ID: <3.0.6.32.19991212115859.00858e70@pop.videotron.ca>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: quoted-printable

Try using ALT-0181 =B5A. I did that in Eudora Lite. Hold down the ALT key while you type the 4 numbers ON THE NUMBER PAD.

Other wise some folks use uA.

Jim Lyons, VE2KN
Montreal

At 07:39 AM 12/12/99 -0800, Scott Gregson - KC7MAS wrote:

>I posted to the list about my gel-cell project. When I did I listed
>some recommended specs. I used "mA" to mean milli-amphere as that is
>what I thought is convention. The battery charger monitor circuit draws
>80 micro-amps - by convention is mA =3D milli-amps, and MA =3D micro-amps?=
=20

>I ask this because you cannot make the micro symbol in a regular
>non-html email.

>

>What is the convention for micro-amps? Is it "mA" =3D milli-milli-amps =
=3D

>micro-amps

>--=20

>Scott Gregson - KC7MAS

>emtech@steadynet.com

>http://emtech.steadynet.com

>+++++

>Scott Gregson Co. / Emtech / CFC

>1127 Poindexter Ave W

>Bremerton, WA 98312

>

Date: Sun, 12 Dec 1999 10:55:08 -0600

From: "Walter Dufraim" <walter@inlink.com>

To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [57838] Re: Parallel feedlines and static discharge

Message-ID: <018a01bf44c1\$d26d0440\$7c6ac4ce@nexar>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks L.B. for a timely topic.

Taking a page out of the folded dipole design, which can be grounded at the point on the wire/tube exactly opposite of the feedpoint, I have had very good results in grounding my large loops at the point which is 1/2 way around the loop.

An installed ground rod that is attached to a 14 awg wire that is mechanically attached and soldered to the loop wire, has eliminated my arc-overs in the shack. I would Never expect the ground wire scheme to protect the shack in a case of a direct hit or a near direct hit, but it does allow me to keep the static build-up at a safe level and still allows my multiband operation from 160 or 80 meter loops. And yes, you probably guessed that I have not modeled this scheme to see if it will work and which way the radiation is being pulled, but the system works just fine in all compass directions. The grounding wire will change your adjustments on a tuner just enough to cause a new calibration adjustment sheet to be completed.

This grounding technique is also being incorporated on the newest antenna here which is a double 160 meter loop array.

I am always open for suggestions, and hope my idea has help someone.

Happy Holidays.....73.....Walter Dufrain, AG5P
Wright City, Missouri

Date: Sun, 12 Dec 1999 09:10:50 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [57839] FS: Emtech NW40/enclosure/filter
Message-ID: <19991212171050.2405.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For Sale: Emtech NW40 kit, unassembled, still in the bags, original box, all there. Includes Emtech enclosure and audio filter. Also includes parts for 30M operation. Cost new: ~\$150 ?

\$105 shipped

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 12 Dec 1999 12:44:04 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [57840] FS ARK-40 transceiver
Message-ID:
<Pine.LNX.4.20.9912121232050.1531-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale my mint condition ARK-40 forty meter synthesized cw transceiver. Crystal filter, audio filter, RIT, AGC up to 5 watts output, full qsk and synthesized precision. Checked frequency calibration and W1AW is exactly on frequency.

Only a couple hours use (less than four hours) ; it looks and operates like new.

Check it out at the S&S engineering website:
<http://raven.metric.net/sseng/arks.shtml>

\$195 shipped.

Optional adjustable speed keyer kit unbuilt and in sealed bag from S&S
\$30 or \$20 if purchased with the ARK-40

73,

Jim n2go

Date: Sun, 12 Dec 1999 19:38:53 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>

To: QRP-L <QRP-L@lehigh.edu>
Subject: [57841] Re: WTB: MV1404, MRF-237
Message-ID: <3853F9CC.97E@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Allan wrote:

>
> I got three MRF237s from RF Parts and paid about \$6.50 each plus
> shipping/tax.
> Just getting them is a trick. One is in my SST/20, another will go

Look for 2SC1947 as a replacement for the MRF237. It has the normal EBC pinout like the 2SC799 and 2N3553, so is a lot easier to use than the MRF237 on PCB's that are laid out for the normal EBC pinout.

--
Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 12 Dec 1999 14:43:16 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "BoatAnchor Reflector" <boatanchors@theporch.com>
Cc: "North GA QRP" <nogaqrp@qth.net>, "AE4IC Bob_Kellogg" <ae4ic@nr.infi.net>, "AE4GX Sam Billingsley" <sbillingsley@mindspring.com>, "CW Reflector" <cw@qth.net>, "Duane Fischer" <dfischer@tir.com>, "Fists" <Fists@qth.net>, "Hallicrafters Reflector" <hallicrafters@qth.net>,
Subject: [57842] FINALLY!!! An OPERATIONAL QRP BA Rig
Message-ID: <NBBBJDEEIFDDANGEGHLBMENIIBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have finally gotten operational with my Hallicrafters HT-18, Collins 51S-1 or National HR0-60 (swapping them back and forth-sort-of), EICO 717 Keyer (EL-Key Paddle) or TAC (Technical Apparatus Corporation) Bug. Freq is likely ~7.040 in between cleaning up as I continue to experience close-up and personal, my wife's ANNUAL CHRISTMAS CLEANUP FRENZY. I may try some 20M-and if so, 14.018 or ~14.060. On 40M, it's 5W output to a G5RV, and on 20M (right now) it's a 4 ele TET Yagi pointed towards EUROPE 'til I figure out

the HAM-M problem (definitely AFTER the cleanup). The QSL will be my new one from Argentina (see the web page)-which might just be here as soon as next week.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Sun, 12 Dec 1999 13:00:09 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [57843] FYBO 2000
Message-ID: <38539C59.8DD6B96@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think Joe's busy, or not reading e-mails, or whatever, so here it is.
I think I can post this because I stuck my neck out to be the contest critter for this one.

===== FYBO 2000 ANNOUNCEMENT =====

The 4th Annual FYBO (Freeze Your B____ Off) Winter QRP Field Day

Sponsored by the AZ ScQRPions.

*** SAFETY FIRST! PLEASE RESPECT THE WX AND YOUR OWN LIMITATIONS! ***

1400Z Feb 5 to 0200Z Feb 6 (Operate all 12 hours).

QRP HF Only. CW (5W max). Near QRP calling freqs (no WARC bands).
Categories: Single Op (Home/Field), Multi Op (Home/Field), Novice/Tech+.
Work stations once per band. Score 1 point per QSO.

Exchange RST, State/Province/DXCC Country, first name, power out, and temperature (Fahrenheit) at OPERATOR'S POSITION. Indoor stations must report INDOOR temperature.

Example: 579 AZ Frosty 2W 40F

Multipliers:

SPCs (each counts only once overall),
Field Location: x4 (Field per ARRL FD definition),
Alternative Power: x2,
QRPP (less than 1W): x2,
Lowest Operating Temp (at OP'S POSITION):
 65+ F = x1;
 50-64 F = x2;
 40-49 F = x3;
 30-39 F = x4;
 20-29 F = x5;
 Below 20 F = x6.

Final Score: QSOs x SPCs x Temp Multi (x Field) (x Alt Pwr) (x QRPP).

Mail logs by March 5 to: Roger Hightower (N7KT), 1265 W Kiowa Cir,
Mesa, AZ 85202. Include station description, category, op(s), and
max power out. For more info, send email to n7kt@earthlink.net or
visit <www.extremezone.com/~ki7mn>.

--

73, de Roger, N7KT
qrp-1 #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 12 Dec 1999 14:59:13 -0500
From: "The One and Only!" <mitch96@pobox.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Cc: cw@qth.net
Subject: [57844] Bencher "Mercury" Paddle
Message-ID: <3853FE91.CBFEE06A@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Fellow riders of the ethers..
Curious, Has anybody received their Mercury Paddles from Bencher yet??
If you did, What do you think??
mitch

Date: Sun, 12 Dec 1999 15:42:44 EST
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [57845] QRPP DX on 10 mtrs

Message-ID: <0.efda5f05.258562c4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

Unbelievable !! VK4EMM, Australia, with 600 miliwatts at 2032 today on 28137.
Gads !!

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart
of the Morris-Boynton metroplex of east central Oklahoma, where every day is
a sunny day".

Date: Sun, 12 Dec 1999 14:25:46 -0700
From: Lou Martin <lmartin@uswest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [57846] Short repot on 10M Contest
Message-ID: <385412D9.F3AB2408@clsp.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I had an hour to play radio today and decided to try out the QRP+ on SSB. I
roamed between 28.330 to 28.390 and nabbed 10 QSOs in 7 states, including both
coasts (WA, CA, VA,VT). My estimated outout was about 2.5 watts (peak reading mod
on my WM-2 coming soon) to the stealth G5RV at 20 ft.

Not too much DX, but I did hear ZW5B booming into Colorado. I couldn't raise him
inspite of numerous tries.

72 and Happy Holidays, LOU
KC0BBE
Monument, CO

Date: Sun, 12 Dec 1999 17:17:49 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [57847] QRP ARCI Contest Manager
Message-ID: <002801bf44ee\$ba25ae00\$6be508cf@wb3aal>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

I found this on the latest QRP ARCI Contest page.

<http://www.qrparci.org/arcitest.html>

QRP-ARCI Contest Manager (Note change effective December 1, 1999.)

Send QRP ARCI contest entries within 30 days of contest date to:

Randy Foltz, K7TQ
(ATTN: <put name of contest here>)
809 Leith St,
Moscow, ID 83843,

Happy Holidays to All.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
100 + Work Units Completed

Date: Sun, 12 Dec 1999 15:26:57 +0000
From: Roger Hightower <n7kt@earthlink.net>

To: wb3aal@talon.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [57848] Re: QRP ARCI Contest Manager
Message-ID: <3853BEC1.B1B44584@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NOTE: This info is for ARCI contests only. FYBO is a product of the imaginations of the AZ ScQRPions.

--

73, de Roger, N7KT
qrp-1 #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 12 Dec 1999 16:39:36 -0500
From: CLAUDE PALUSKI <claudewb9euu@juno.com>
To: QRP-1@LEHIGH.EDU
Subject: [57849] QUESTIONS
Message-ID: <19991212.163937.3198.0.CLAUDEWB9EUU@juno.com>

TWO THINGS I CANT FIND IN MY FILES, AND WOULD APPRECIATE IF SOMEONE COULD GIVE ME SOME ASSISTANCE.

NR.1 A FEW WEEKS AGO SOMEONE QROTE ABOUT A WRIST WATCH (TIMEX)WHICH HAD A 24 HOUR DIAL, PLUS THE USUAL 12 HOUR FORMAT. MINE NEEDS REPLACING ALREADY. BOUGHT IT ON JAN 31, 1944 (NOT A TYPO) AND IT HAS ALREADY GOTTEN UNRELIABLE.

NR.2 SOMEONE POSTED A MESSAGE ABOUT CHANGING THE ZERO TO A SLASHED ZERO. CANT FIND IT IN ANY OF MY COMPUTER BOOKS, SO WOULD BE GRATEFUL FOR ANY ASSISTANCE

72

Claude WB9EUU @ JUNO.COM
GARDEN HOMES, I L 60803

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Get your free software today: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 12 Dec 1999 17:51:29 EST
From: Cw4n5iw@aol.com
To: qrp-1@lehigh.edu
Subject: [57850] FOX: N5IW (x AB5WX) is Fox on Monday 12/13 at 7pm CST
Message-ID: <0.89d6ff22.258580f1@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Second Notice:

N5IW will be the fox next Monday night, December 13th at 7PM CST
(12/14/1999 01:00Z)

I will transmit on 7.037 +/- depending upon qrm and condx.
I will be listening from 7.038 to 7.036, again this will depend on
condx and I may slide a bit either way if qrm warrants.

Hope to work lots of hounds this Monday. Line noise has been a
particular problem for me chasing fox this year. Hopefully I will
get a respite from it and be able to hear lots of you.

I will be using a FT1000D at 5 watts into several different
antennas: 80m loop (omni), 40m dipole (east/west), r7000 vertical
(omni).

Exchange will be the normal:
(n5iw) CQ FOX de N5IW k
(hound) CALL 1x
(n5iw) HOUND CALL TU RST TX TX DAVE DAVE NR 1718 1718 HOUND CALL BK
(hound) TU RST STATE NAME QRPL# (or PWR) BK
(n5iw) QSL TU de N5IW FOX QRZ

Cu on Monday night, I am sure it will be fun!

Dave, N5IW(x AB5WX) QRP-L 1718
Make sure you point your verticals to ROUND ROCK, TEXAS (just north of
Austin)! :^)

cw4n5iw@aol.com
n5iw@qsl.net

Date: Sun, 12 Dec 1999 17:48:44 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [57851] Attenuating HF rig
Message-ID: <00ce01bf44f4\$b2a17d20\$414d3018@olitsky.buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to put the power on my FT-847 lower than the 1 watt that it currently goes.

Can someone point me to an attenuator (built or kit) that I can use to connect to the rig to allow me to go to the milliwatt level?

Thanks

Scott
AC3A

Date: Sun, 12 Dec 1999 18:29:51 EST
From: Normk9nk@aol.com
To: qrp-l@lehigh.edu
Subject: [57852] FS - MFJ-9020
Message-ID: <0.e67eaad1.258589ef@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

FS - MFJ-9020 - Excellent condition. Covers 14.000 to 14.075 KHZ at 5 watts.
Includes MFJ built in CW filter. Includes all manuals.
Price: \$95.00 plus shipping.

Sent inquires to: normk9nk@aol.com

End of QRP-L Digest 1667

